

Goat anti-NANOG (C Terminus) Antibody

Item Number	dAP-1073
Target Molecule	Principle Name: NANOG (C Terminus); Official Symbol: NANOG; All Names and Symbols: NANOG; Nanog homeobox; homeobox transcription factor Nanog; homeobox transcription factor Nanog-delta 48; Accession Number (s): NP_079141.2; Human Gene ID(s): 79923; Non-Human GeneID(s):
Immunogen	DLFLNYSMNMQPED, is from C Terminus
Applications	Pep ELISA, WB, IHC, EIA Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 35kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 34.6kDa according to NP_079141.1). Recommended concentration: 0.05-0.1µg/ml. An additional band of approx. 37kDa is observed and is consistent with the obser
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows nuclear staining in spermatogonia. Recommended concentration, 1-2µg/ml.
Reference	Reference(s): Yasuda SY, Tsuneyoshi N, Sumi T, Hasegawa K, Tada T, Nakatsuji N, Suemori H. NANOG maintains self-renewal of primate ES cells in the absence of a feeder layer. Genes Cells. 2006 Sep;11(9):1115-23. .PMID: 16923129 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**